(c) whether Government have made any efforts to get world class architects to design user friendly over-bridges; and

(d) the steps proposed to carefully consider the representation of Road Safety Forum in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI K. H. MUNIYAPPA): (a) and (b) Yes, Sir. Over bridges for exclusive use of pedestrians are provided in the exceptional locations where the pedestrian volume crossing a wide carriageway is extremely large and cannot be regulated by other traffic control measures without causing undue delay both to the pedestrian and vehicular traffic. There is no such situation on NH-5 at Gundugulanu and therefore, pedestrian foot over bridge is not feasible. However, proposal for construction of foot over bridge at this location will be considered during preparation of Detailed Project Report (DPR) for six laning of this stretch of NH-5 under NHDP Phase-V.

(c) and (d) Yes, Sir. NHAI appoints International Level Consultants for project preparation for upgradation of National Highways. All cares from safety point of view and public needs are taken into consideration while designing the National Highways.

Six-laning on BOT basis

1941. SHRI RAMDAS AGARWAL: Will the Minister of SHIPPING, ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether the National Highways Authority of India (NHAI) has now opened larger tretches of over 200 Km. on a Build-Operate-Transfer (BOT) basis, under phase-V Programme, involving six-laning of selected projects;

(b) if so, the details thereof, location-wise, cost per Kilometer-wise, feasibility report-wise indicating whether any leading private infrastructure consultancy firm is also involved therein indicating the number of bidders who have applied so far; and

(c) if so, the estimated total cost of each road project and the time likely to be taken in completion thereof particularly construction of 225 Km. long Gurgaon-Kotputli-Jaipur stretch of NH-8?

THE MINISTER OF STATE IN THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI K.H. MUNIYAPPA): (a) The Government accorded approval for undertaking six laning of 6,500 km. of National Highways comprising 5,700 km of Golden Quadrilateral and balance 800 km on other sections, under National Highways Development Project (NHDP) Phase-V. As per the approved implementation mechanism for NHDP Phase-V, stretches of 100 km or more that have been completed at least two years ago and contractual actions on previous contracts have been completed, are being included in the year-wise programme. Where the distance between two cities is less than 100 km, such stretches are also being included as exception cases.

(b) List of proposed stretches of National Highways in different States under NHDP Phase-V is given in the Statement (*See* below). Cost per km. has been

estimated as Rs. 6.34 crore. Feasibility report or seven stretches have been completed by the technical consultants and detailed given in the Statement-II (*See* below). Total 203 firms have applied for pre-qualification for eight stretches under NHDP Phase-V.

(c) NHDP Phase-V is scheduled for completion by December, 2012. Estimated civil construction cost for Gurgaon-Kotputli-Jaipur of 225 km. is Rs. 1517 crores. The likely time period for completion is 30 months from the appointed date.

Statement-I

Six laning of National Highways

Stretches	States	Length (in km.)
(a) **Golden Quadrilateral**	Andhra Pradesh, Bihar, Gujarat, Haryana, Karnataka, Maharashtra, Orissa, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal and Jharkhand.lucrative	5700
(b) **Other Stretches**		
(i) Panipat-Jalandhar	Haryana and Punjab	300
(ii) Delhi-Hapur-Moradabad	Delhi and Uttar Pradesh	170
(iii) Samkhiali-Gandhidham	Gujarat	56
(iv) Indore-Dewas	Madhya Pradesh	55
(v) Agra-Gwalior	Uttar Pradesh and Madhya Pradesh	85
(vi) Chandikhol-Paradeep	Orissa	77
(vii) Ludhiana-Chandigarh	Punjab	82

Statement-II

Status of feasibility report for seven stretches under NHDP Phase-V

Sl. No.	Stretch	NH No.	Length (in km.)	Cost per km. (in crore)
1	Panipat-Jalandhar	1	291.100	7.55
2	Gurgaon-Kotputli-Jaipur	8	225.600	6.72
3	Surat-Dahisar	8	239.000	5.67
4	Chilkaluripet-Vijayawada	5	82.500	6.55
5	Chennai-Tada	5	43.400	7.71
6	Chandikhole-Jagatpur-Bhubaneswar	5	67.000	15.39
7	Delhi-Hapur	24	52.000	10.36